



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor: DEGUCHI, YUICHIRO  
Serial No.: 09/932,621  
Filed: AUGUST 17, 2001  
For: EMBEDDED E-MARKER AND COMMUNICATIONS SYSTEM  
TC/A.U.: 2645  
Examiner: HASHEM, LISA  
Docket No.: SONY-02800 (SON5180.70A)  
Cust. No.: 36813

**Commissioner for Patents**

**P.O. Box 1450**  
**Alexandria, VA 22213-1450**

Sir/Madam:

I, Harold T. Fujii declare:

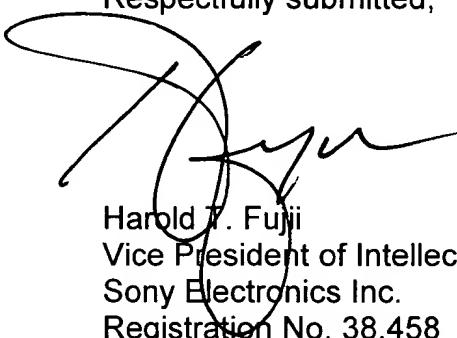
- 1) I am authorized to sign on behalf of Sony Electronics Inc.;
- 2) To the best of my knowledge, Sony Electronics Inc. is a wholly owned subsidiary of SEL Holdings Inc.; SEL Holdings Inc. is a wholly subsidiary of Sony Corporation of America; Sony Corporation of America is a wholly owned subsidiary of Sony Americas Holding Inc.; and Sony Americas Holding Inc. is a wholly owned subsidiary of Sony Corporation.
- 3) Therefore, to the best of my knowledge, Sony Electronics Inc. is a wholly owned subsidiary of Sony Corporation;
- 4) A recorded assignment of the present application assigns all rights of the present application to Sony Corporation and Sony Electronics Inc.;
- 5) A copy of this recorded assignment is attached (Exhibit A) and the recorded assignment can be found on Reel 012096 and Frame 0312;
- 6) The present application, the Tree Patent (US Patent No. 6,650,534), and the Deguchi Published Application (U.S. Patent Application Publication No. US

2002/0007354) were at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person; and

7) I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true.

Date: 9/30/2005

Respectfully submitted,



Harold T. Fujii  
Vice President of Intellectual Property  
Sony Electronics Inc.  
Registration No. 38,458



**CERTIFICATION UNDER 37 CFR 1.8**

I hereby certify that the foregoing:

**Affidavit of Common Ownership**

is being deposited with the United States Postal Service on 11/2/2005  
with sufficient postage as first class mail in an envelope addressed to the:  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

M. ROBYN CARRILLO

**(Type or print name of person mailing paper)**

  
(Signature of person mailing paper)



UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

OCTOBER 25, 2001

SIERRA PATENT GROUP, LTD  
SEONG-KUN OH  
P.O. BOX 6149  
STATELINE, NV 89449

RECEIVED  
OCT 24 2001  
SIERRA PATENT GROUP LTD.



\*101825047A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/17/2001

REEL/FRAME: 012096/0312

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DEGUCHI, YUICHIRO

DOC DATE: 07/12/2001

ASSIGNEE:

SONY CORPORATION  
7-35 KITASHINAGAWA  
6-CHOME SHINAGAWA-KU  
TOKYO 141-0001, JAPAN

SERIAL NUMBER: 09932621

FILING DATE: 08/17/2001

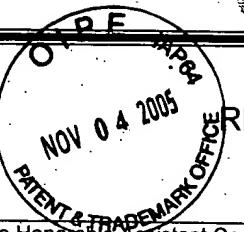
PATENT NUMBER:

ISSUE DATE:

TARA WASHINGTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

EXHIBIT

A



08-28-2001



To the Honorable Assistant Comi

101825047

U.S. Department of Commerce  
Patent and Trademark Office

EET



## 1. Names of conveying party

Yuichiro Deguchi

8/17/01

## 2. Name and address of receiving parties

Name: Sony Corporation

Internal Address: 7-35 Kitashinagawa

Street Address: 6-chome

Shinagawa-ku, Tokyo 141-0001

Japan

Additional names (s) &amp; address(es) attached? (x) Yes ( ) No

## 3. Nature of conveyance:

(x) Assignment ( ) Merger  
 ( ) Security Agreement ( ) Change of Name  
 ( ) Other \_\_\_\_\_

Execution Date: July 12, 2001

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of application is August 17, 2001

A. Patent Application No.(s)

B. Patent No.(s)

Express mail: EL889016350US

Additional numbers attached? ( ) Yes (x) No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Seong-Kun Oh

Internal Address: Sierra Patent Group, Ltd

Address: P.O. Box 6149

City: Stateline State: NV Zip: 89449

## 6. Total number of applications and patents involved: 1

7. Total fee (37CFR 3.41).....\$40.00  
 (x) Enclosed  
 ( ) Authorized to be charged to deposit account  
 8. Deposit account Number: 50-0612

(Attached duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Seong-Kun Oh

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents 3  
 Mail documents to be recorded with required cover sheet information to:  
 Assistant Commissioner for Patents, Box Assignment, Washington, D.C. 20231

08/22/2001 A05MAN1 00000002 09932621

04 FC:581

40.00 0P

FORM PTO-1595

U.S. Department of Commerce  
Patent and Trademark Office

RECORDATION FORM COVER SHEET  
PATENTS ONLY

Additional name and address of receiving parties:

Sony Electronics, Inc.  
123 Tice Blvd.  
Woodcliff Lake, New Jersey 07675

ASSIGNMENT

WHEREAS, I, Yuichiro Deguchi, hereinafter referred to as "ASSIGNOR", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: EMBEDDED E-MARKER AND COMMUNICATION SYSTEM

Application (Declaration/Oath) Execution Date:

Filing Date: Herewith Application No.: New Application

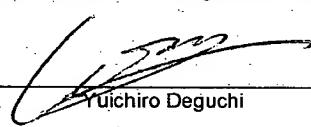
AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 7-35 Kitashinagawa, 6-chome, Shinagawa-ku, Tokyo 141-0001, Japan and Sony Electronics Inc., a Delaware corporation with offices at 123 Tice Blvd., Woodcliff Lake, New Jersey 07675 (hereinafter referenced as ASSIGNEES) are desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto the said Assignees, and Assignees' successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignees as fully and exclusively as it would have been held and enjoyed by said Assignor had this assignment and transfer not been made, to the full end and term of any such Letters Patent.

Assignor further agrees that he will, without charge to said Assignees, but at Assignees' expense, cooperate with Assignees in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignees lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignees, or Assignees' successors and assigns.

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated below.

Date: 7/12/01



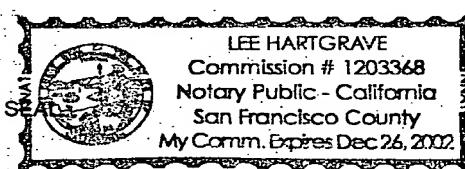
Yuichiro Deguchi

State of California

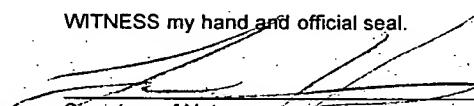
County of San Francisco

On July 12, 2001 before me, LEE HARTGRAVE, Notary Public

personally appeared YUICHIRO DEGUCHI, personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

  
Signature of Notary



**CERTIFICATION UNDER 37 CFR 1.8**

I hereby certify that the foregoing:

Exhibit A (copy of Recorded Assignment)

is being deposited with the United States Postal Service on 11/2/2005  
with sufficient postage as first class mail in an envelope addressed to the:  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

M. ROBYN CARRILLO

(Type or print name of person mailing paper)

(Signature of person mailing paper)